

<b>Name subjects :</b>		<b>Contemporary concepts in Architecture</b>		
<b>Code subjects</b>	<b>Case status</b>	<b>Semester</b>	<b>Number of ECTS credits</b>	<b>Lesson fund</b>
<b>PL2SKAP1</b>	<b>Required</b>	<b>IX</b>	<b>7</b>	<b>2P+2V</b>

**Study programs for which it is organized :** Faculty for the polytechnic , study program Architecture and design

**Conditionality other Subjects : None.**

**Idea studies subjects :** Students learn through work on make solutions meet with methodology scientific research as and by implementation the same on project-based solution .

**Goals studies subjects :** The goal is for students to instructions to elements research work that should precede make project , as and in the process production project documentation . Under construction project students through work on specific tasks related to architectural and urban planning designing develop ability applications conclusions theoretical parts analyses , elaborations previously established program frame task , skill design architectural and urban planning assemblies as and coordination these aspects with technological and constructive conditionalities project .

Classes are taking place. through study work and includes different shapes communications – in the form of presentations , interactive discussion and research projects .

**Outcomes learning :** A student who successfully overcome this one subject , will be able to :

1. R a s s i o n s contemporary concepts in architecture designing ;
2. They are spending analysis locations taking into account ecological , social and economic influencing factors on project solutions ;
3. Development and articulates architectural concept through research and creative process ;
4. Apply principles energy efficiency , passive design and use sustainable materials in design ;
5. Development projects objects appropriate typologies – objects cultures , different proportions and complexity ;
6. Acquaintances historical development appropriate typologies architectural objects , belonging theoretical concepts , such as and contemporary tendencies .

**Name and last name teacher and associates :** prof. Dr Mladen Krekić, MSc Veljko Vulcanović

**Teaching method and overcoming materials :** lectures , exercises , tests , projects tasks .

#### **WORK PLAN**

**Sunday :** Name methodological unit for lectures (P), exercises (V) and others teaching contents (O); Planned shape checks knowledge (Pz)

<b>Preparatory Sunday</b>		Introduction , preparation and enrollment semester .
<b>And Sunday</b>	<b>P/V/L</b>	Records students and explanation task
<b>II</b>	<b>P/V/L</b>	Tour locations / interpretation task through dialogue with context
<b>III</b>	<b>P/V/L</b>	Program analysis and locations / diagrams , drawings , models , videos
<b>IV</b>	<b>P/V/L</b>	Analysis of characteristic examples from literature /minimum 2/ - presentation , discussion
<b>V</b>	<b>P/V/L</b>	Analytical presentation characteristic examples realized world projects
<b>VI</b>	<b>PZ</b>	<b>Colloquium</b>
<b>VII</b>	<b>P/V/L</b>	Setting concept - formulation critical attitude through spatial-programmatic framework / discussion /
<b>VIII</b>	<b>P/V/L</b>	Examination concept through making physical model / model , 3D view / i spatial simulation
<b>IX</b>	<b>P/V/L</b>	Elaboration project – landscape with spatial by setting and by proposal urban furniture store
<b>X</b>	<b>P/V/L</b>	Elaboration project
<b>XI</b>	<b>P/V/L</b>	Characteristic architectural and constructive details object
<b>XII</b>	<b>P/V/L</b>	Elaboration and finalization project according to content study
<b>XIII</b>	<b>P/V/L</b>	Elaboration and finalization project according to content study
<b>XIV</b>	<b>P/V/L</b>	Presentation projects .
<b>XV</b>	<b>P/V/L</b>	Recapitulation materials .
<b>XVI</b>	<b>PZ</b>	<b>Final exam .</b>
<b>XVII</b>		Verification semester and enrollment rating
<b>XVIII</b>		<b>Correctional exam deadline</b>

**Obligations student in progress classes :** lectures , exercises , discussions , projects tasks .

**Consultations by e- mail :** YES

#### **Load student**

**Sunday :**

7 credits x 40/30 = 9 hours 20 minutes

Structure :

– 2 hours lectures

– 2 hours exercises

5 hours 20 minutes of independent work, incl consultations .

**In the semester :**

Total workload for the subject 7x30 = 210h

Structure :

**Teaching** and final exam : 9h 20min x 16 weeks = 149h 20min

**Necessary preparations** before beginning semester ( administration , enrollment , certification ) : 10h40minx2=21h20min

**Additional preparation work** and laying remedial exam time : 0-48h

**Literature :**

- Abel Chris: Architecture and Identity: Responses to Cultural and Technological Change, Architectural Press, Oxford (etc.), 2000.
- Deckker Thomas (ed.): The Modern City Revised, Spon Press, London, New York.
- Dovey Kim: Framing Places: Mediating Power in Built Form, Routledge, London, New York, 1999.
- Harvey Sheila, Fieldhouse Ken, Hopkins John: The Cultured Landscape: Designing the Environment in the 21st Century, Routledge, London, New York, 2005.
- Lynch Kevin: Good City Form, The MIT Press, Cambridge, London, 1984.
- Marshall Richard (ed.): Waterfronts in Post-Industrial Cities, Spon Press, London, New York, 2001.
- Marshall Tim (edit.): Transforming Barcelona, Routledge, London, New York, 2004.
- Zukin Sharon: The Cultures of Cities, Blackwell Publishers, Oxford, 1995.
- Jovanović M., Pucar M., Pajević M., Bioclimatic planning and design - urban parameters , ( AF library )
- Pucar M., Bioclimatic architecture , ( AF library )
- Wines, J., Green Architecture, Köln: Taschen, ( AF Library )
- Herzog, Thomas (Ed.), Solar Energy in Architecture and Urban Planning, Munich and New York: Prestel, ( AF library )
- Schittich, Christian (Ed.), Solar Architecture: Strategies · Visions · Concepts, Munich: Institut für internationale Architektur-Dokumentation GmbH & Co. KG and Basel: Birkhäuser , ( AF library )
- Gauzin - Müller, Dominique, Sustainable Architecture and Urbanism: Concepts, Technologies, Examples, Basel: Birkhäuser
- Herzog, T., Krippner, R., Lang, W., Façade Construction Manual, Basel: Birkhäuser – Publishers for Architecture, ( AF library )
- Compagno, Andrea, Intelligent Glass Façades: Material, Practice, Design, Basel: Birkhäuser , ( AF Library )

**Shapes checks knowledge and evaluation :**

Domestic assignments 10%, tests 10%, projects assignment 20%, test 20% and exam 40%.

<b>Rating</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Number point</b>	<b>90-100</b>	<b>80-89</b>	<b>70-79</b>	<b>60-69</b>	<b>50-59</b>